16b
At

AMP
INC

United Nations Permanent Headquarters
Secretariat, General Assembly and
Meeting Halls
New York, N. Y.

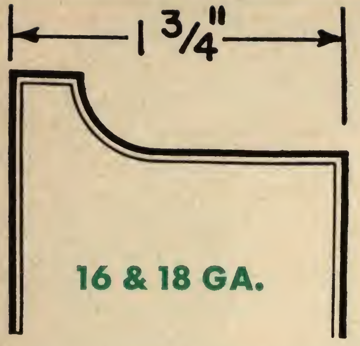
Contractor: Fuller-Turner-Walsh-Slattery, Inc.

atlantic

metal products, inc.

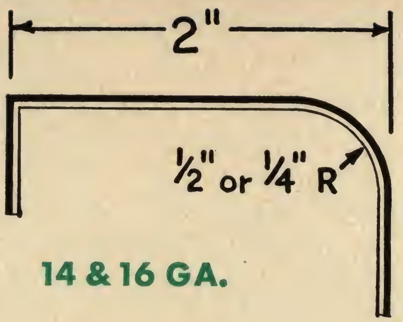
- hollow metal doors, jambs and trim
- combination steel door frames
- elevator and dumbwaiter enclosures
- kalamein doors, jambs and trim
- tin clad fire doors and hardware
- custom built metal specialties
- Underwriters Laboratories label service

26 YEARS OF QUALITY SERVICE



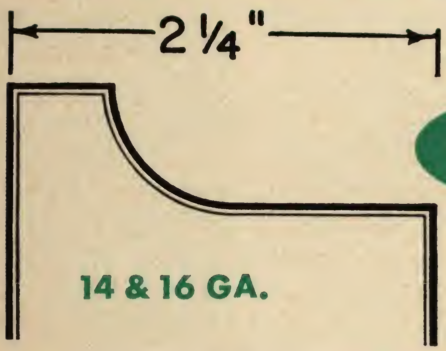
900A

16 & 18 GA.



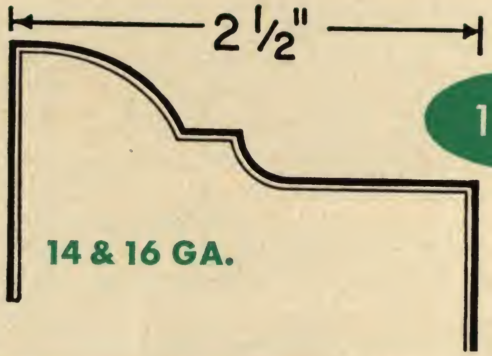
1300

14 & 16 GA.



900B

14 & 16 GA.



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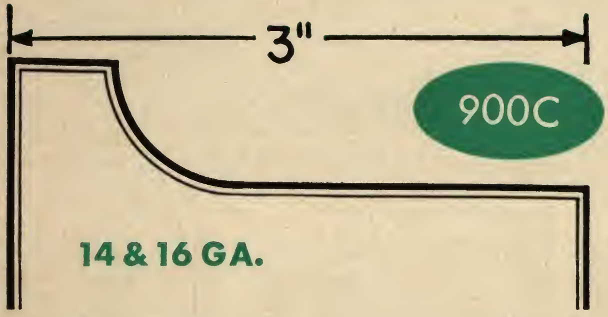
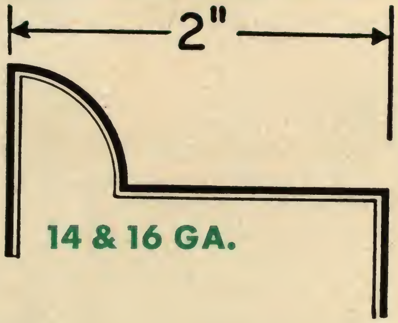


900C

14 & 16 GA.



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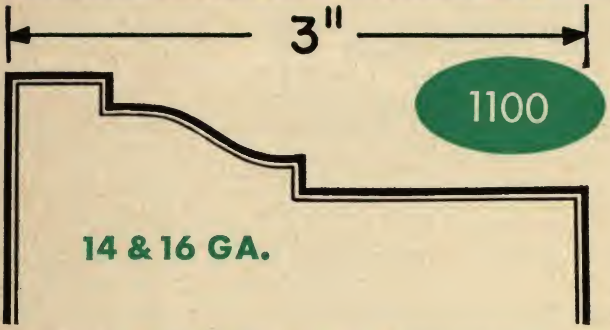
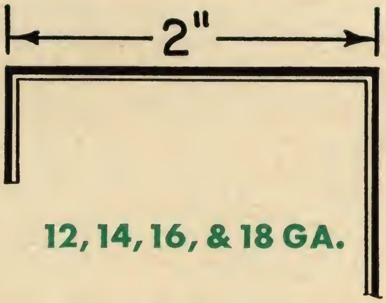


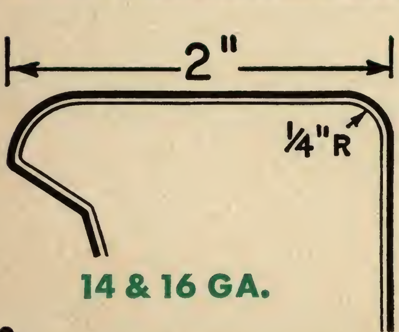
1100

14 & 16 GA.



1600

12, 14, 16, & 18 GA.



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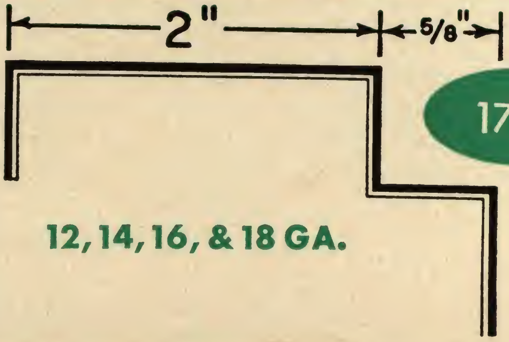
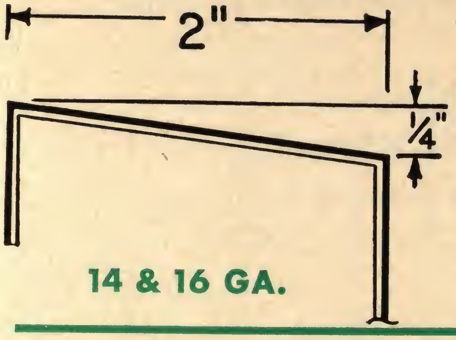
14 & 16 GA.



1700

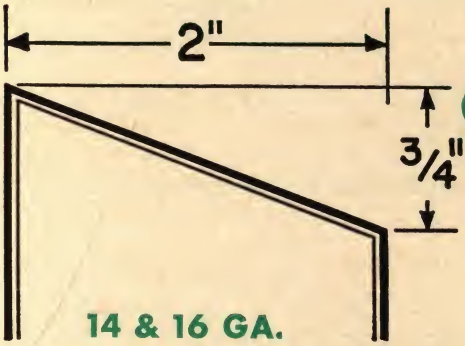
12, 14, 16, & 18 GA.

NOTE: please refer to page 6 for complete specifications covering combination frames



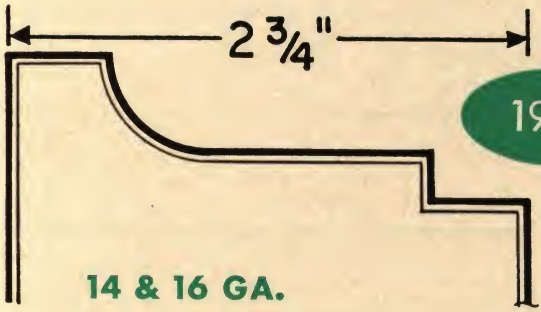
1800A

14 & 16 GA.



1800B

14 & 16 GA.



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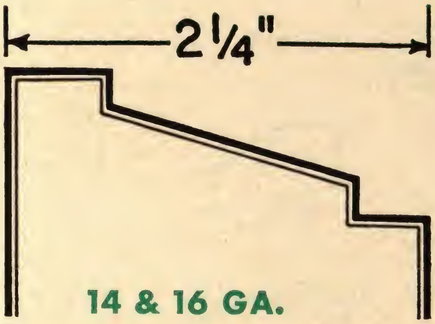
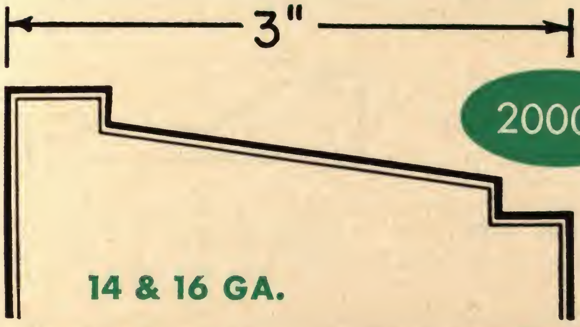
14 & 16 GA.



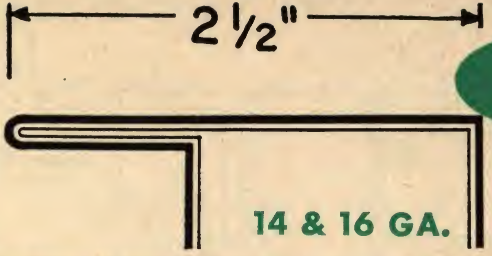
2000A

14 & 16 GA.



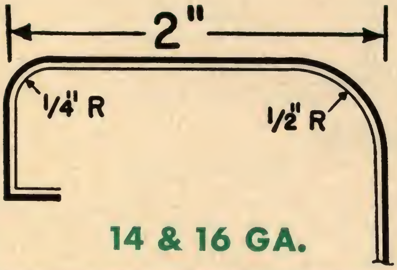
2000B

14 & 16 GA.



2100

14 & 16 GA.



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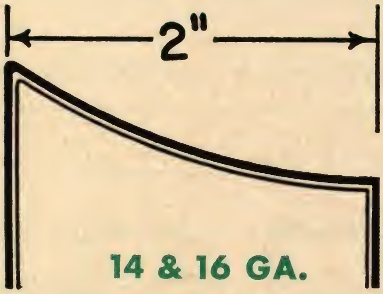
14 & 16 GA.



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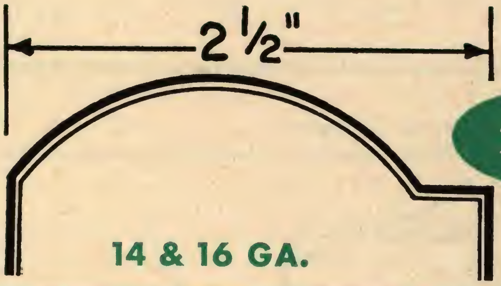
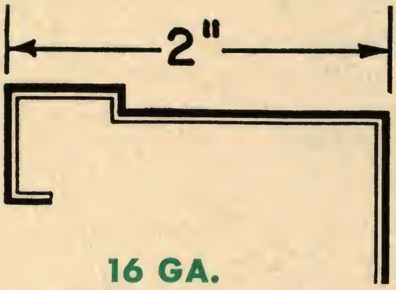
14 & 16 GA.



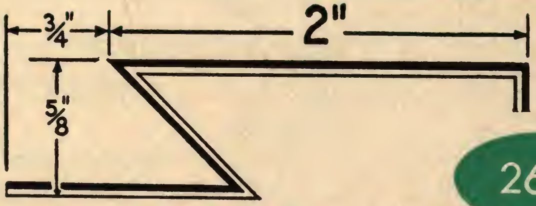
2400

14 & 16 GA.



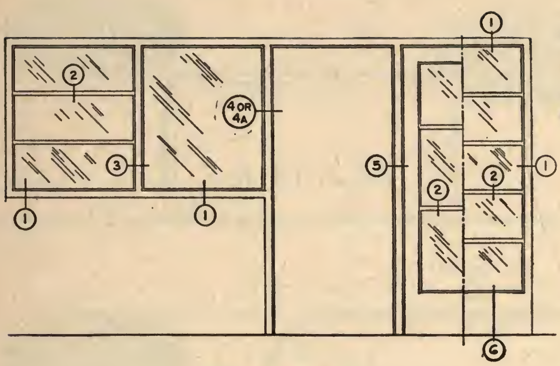
2500

16 GA.

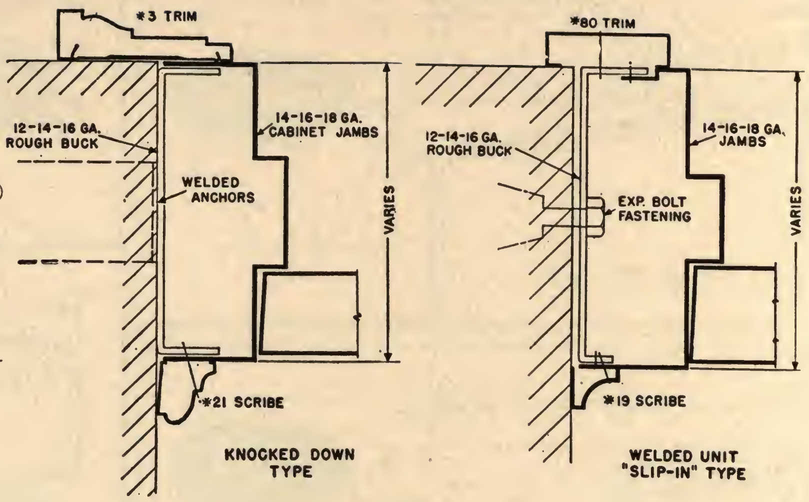


2600

14 & 16 GA.

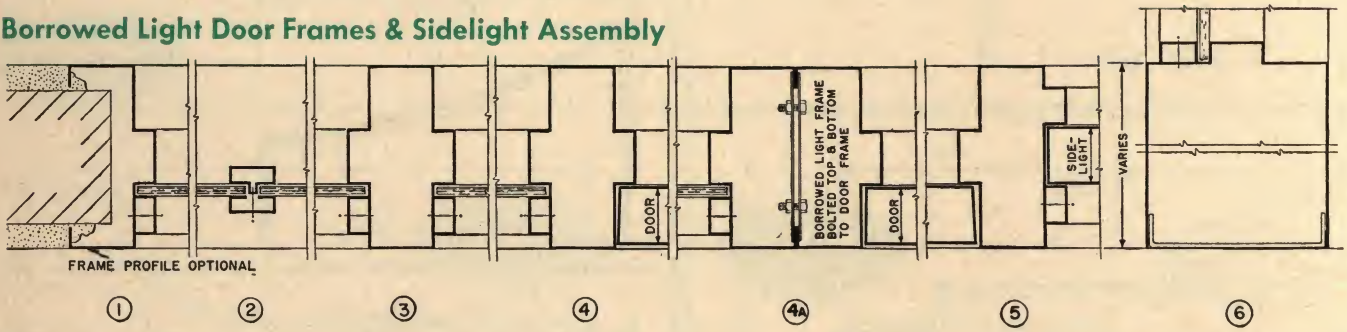


Elevation

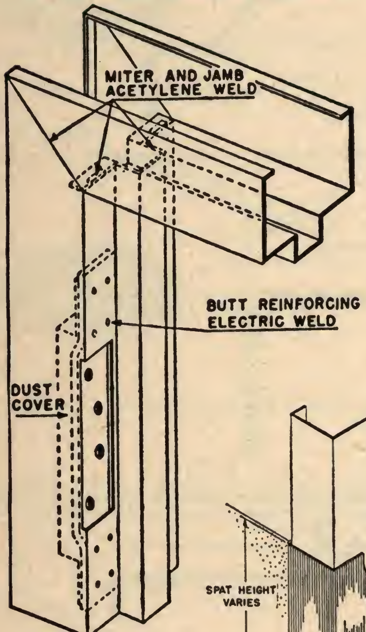


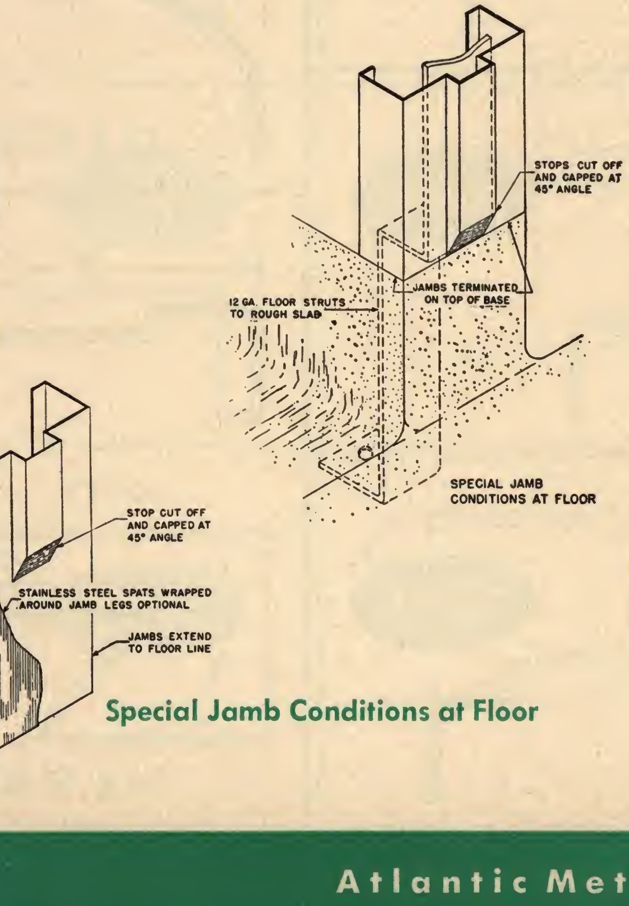
Rough Buck Cabinet Jamb & Trim Assembly

Borrowed Light Door Frames & Sidelight Assembly

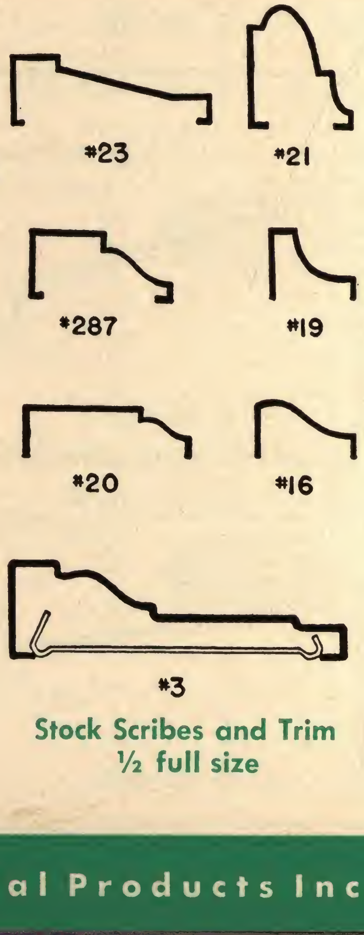


Isometric Frame Section




STOPS CUT OFF AND CAPPED AT 45° ANGLE
12 GA. FLOOR STRUTS TO ROUGH SLAB
JAMBS TERMINATED ON TOP OF BASE
SPECIAL JAMB CONDITIONS AT FLOOR
STOP CUT OFF AND CAPPED AT 45° ANGLE
STAINLESS STEEL SPATS WRAPPED AROUND JAMB LEGS OPTIONAL
SPAT HEIGHT VARIES
JAMBS EXTEND TO FLOOR LINE

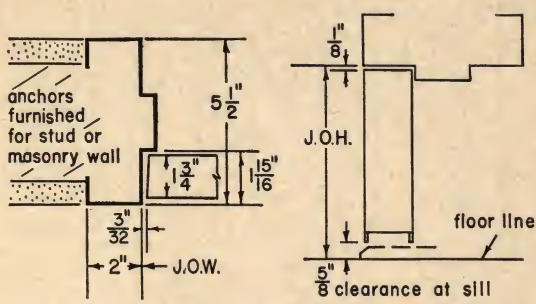
Special Jamb Conditions at Floor



Stock Scribes and Trim
½ full size

custom-standard 18 ga. doors & 16 ga. frames provide:

- **greater economy**
- **custom quality construction**
- **wide choice of types and sizes**
- **varied hardware preparation**
- **prompt shipment — three weeks**
- **label service**

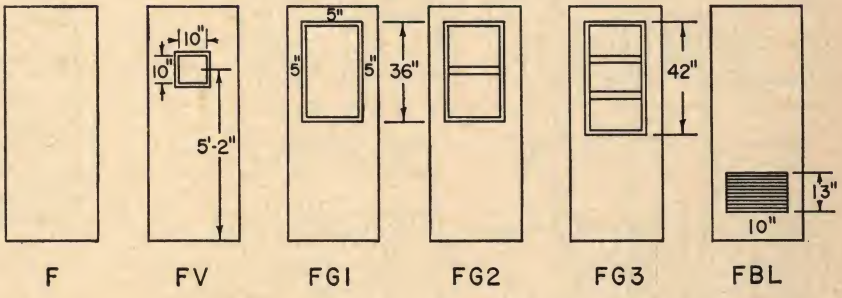


JAMB HEAD & SILL DATA

TYPE 1600 FRAME

single units	
2'–6" x 6'–8"	2'–6" x 7'–0"
2'–8" x 6'–8"	2'–8" x 7'–0"
3'–0" x 6'–8"	3'–0" x 7'–0"
3'–6" x 6'–8"	4'–6" x 7'–0"
4'–0" x 6'–8"	4'–0" x 7'–0"
4'–0" x 8'–0"	
pair swing units	
5'–0" x 6'–8"	6'–0" x 7'–0"
6'–0" x 6'–8"	7'–0" x 7'–0"
5'–0" x 7'–0"	8'–0" x 8'–0"

DOOR TYPES



HARDWARE PREPARATION

Hinges: Reinforcement for 1 ½ pair Stanley No. 146, 4 ½" x 4 ½" hinges.

Locks:
Schlage D
Yale 5400, 8000
Corbin 800, 7300, 7500, 7700, 7900
Lockwood H, 5100
Russwin 400, 2000
Sargent 7600, 7700

Top and bottom flush bolts furnished for inactive leaf of pairs of doors.
Surface door closers and rubber bumpers.

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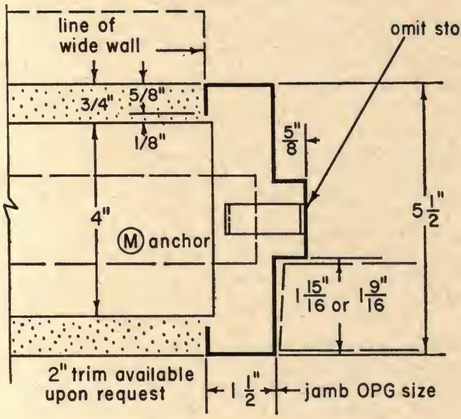
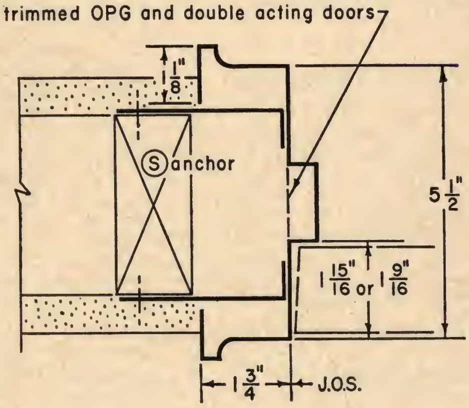
economy frames 16 ga. & 18 ga.



use Ⓜ to denote anchors for masonry
use Ⓢ to denote anchors for 4" wood or steel studs

TYPE E1600



TYPE E900

- Available in all widths x 6'–8" and 7'–0" heights.
- Shipment within 3 weeks.
- Write for more information on both Custom-Standard and Economy lines.

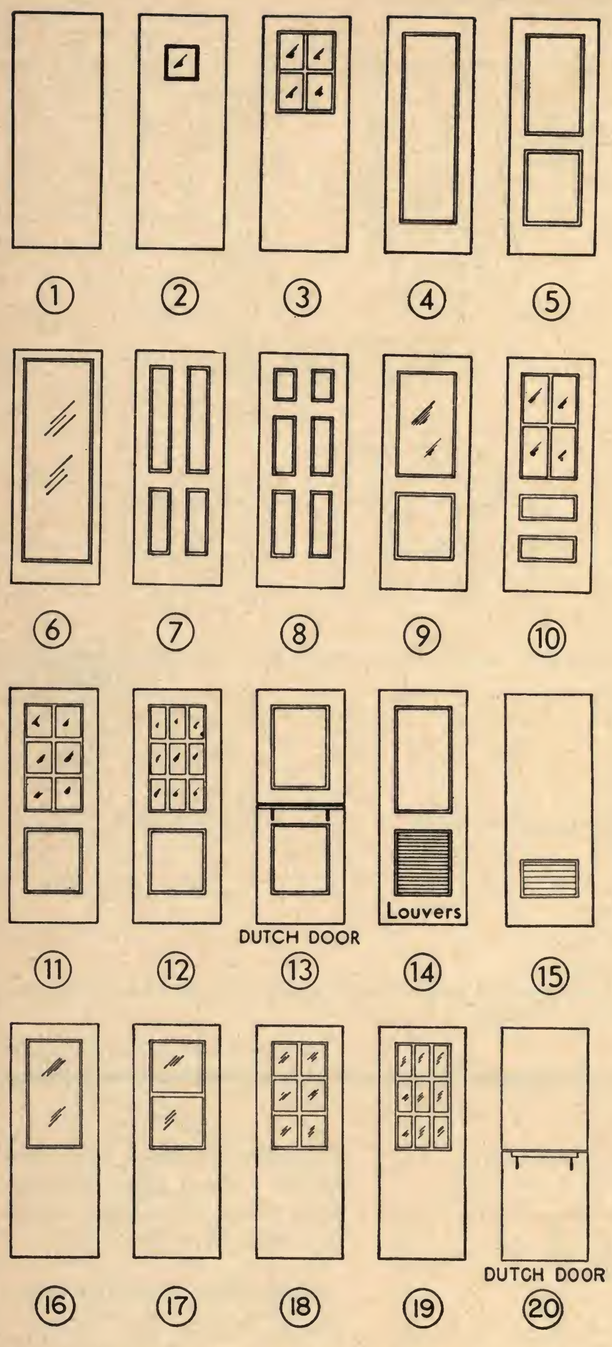
ECONOMY frames are completely welded units, manufactured under the highest quality standards of construction.

HARDWARE PREPARATION

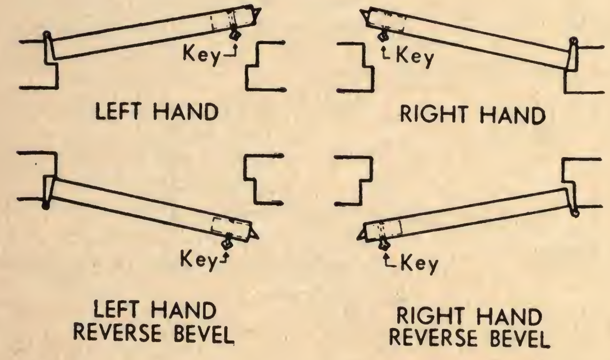
Hinges: Stanley No. 804 3 ½" or 4" hinges with one leaf spot welded to frame or drilled and tapped reinforcement plates for Stanley #146, 4" x 4" or 4 ½" x 4 ½".

Locks: Schlage D;
Yale 5400;
Corbin 800;
Lockwood H;
Russwin 400.

Surface door closer and rubber bumpers.



HAND AND BEVEL OF DOORS



UNDERWRITERS LABELED DOORS				
CLASS OF OPG.	DOOR TYPE	MAXIMUM GLASS	MAX. OPG.	
			SINGLE	PAIR
"A"	1-4-5-7-8	No Glass Permitted	4′x10′	8′x10′
"B"	1-2-4-5-7-8	100 Sq. In. per Op'g.	4′x10′	8′x10′
"C"	1 to 12 incl.	1296 Sq. In. Each Light	4′x10′	8′x10′
"D"	1-4-5-7-8	No Glass Permitted	4′x10′	8′x10′
"E"	1 to 12 incl.	720 Sq. In. 4′-6″ High Max. Each Light	4′x10′	8′x10′

Types 13-14-15 Cannot be Labeled

UNDERWRITERS LABELED FRAMES		
GAUGE	MAXIMUM OPENING	
	SINGLE	PAIR
#16	3′-6″x7′-6″	5′-0″x7′-6″
#14 and #12	4′-0″x10′-0″	8′-0″x10′-0″

SPECIFICATIONS

FRAMES—Combination frames with integral trim are to be formed of #12, #14 and #16 U.S. standard gauge, best grade commercial furniture stock steel. Corners shall be mitered, fitted, welded the full length, and ground smooth. Not less than 3 anchors on each jamb to suit wall condition, and floor angle clips with 2 holes for sill anchorage are to be provided for each frame. Steel angle spreaders shall be welded at the bottom to insure parallel alignment.

All frames shall be mortised and reinforced properly and as necessary for the installation of finished hardware. Reinforcing plates at the butts shall be not less than 1/8″ gauge x 10″ long, with #26 gauge galvanized plaster guards, spot-welded to protect tapped holes from mortar.

Drilling and tapping for door checks, brackets and transom operators shall be done in field by the door erectors.

DOORS—Flush type doors shall be constructed of 2 plates of not less than #18 gauge, assembled and reinforced with interlocking vertical stiffeners, spaced approximately 5″ on centers and spot-welded to both sides. All doors shall be provided with suitable insulation to reduce metallic sound.

Panelled type doors shall be constructed of #18 gauge stiles and rails, with #20 gauge panels and mouldings. Stiles, rails and panels to be filled with proper insulation. Joints to be welded and dressed smooth. Where glass panels are indicated, provide removable stops secured with countersunk oval head screws.

All doors shall be mortised and reinforced for required hardware and drilled and tapped to receive mortise hardware. Drilling and tapping for surface applied hardware shall be done in the field.

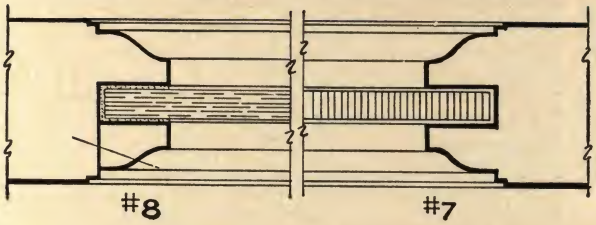
Screen doors of stock design to be panelled type with dividing middle rail. Top and bottom panels to be provided with #16 mesh insect screen, lower panel to be furnished with wire mesh protective guard.

LABEL SERVICE—Where doors and frames are called for on drawings as labeled, their construction shall conform to all requirements of the National Board of Fire Underwriters and/or the New York Board of Standards & Appeals.

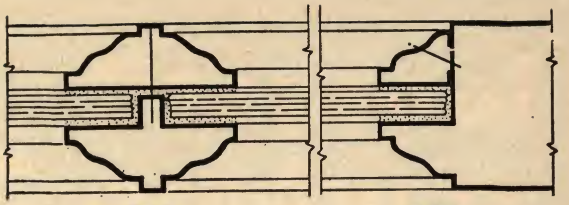
FINISHES—After assembly, all metal is to be thoroughly cleaned of rust, oil and grease and given a coat of rust-resisting metallic primer with filler as required.

When doors and frames are to receive a baked enamel finish, they are to be cleaned and primed as above specified and given two additional coats of enamel. Each coat shall be baked and sanded smooth, the final coat to be rubbed to an egg shell gloss. Grained finishes are to receive two coats of varnish baked on and rubbed to an egg shell gloss.

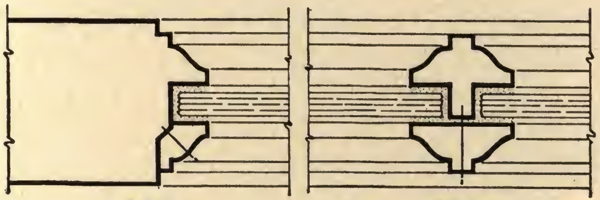
Door Mouldings



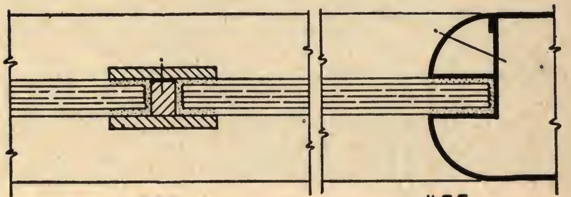
#8 #7



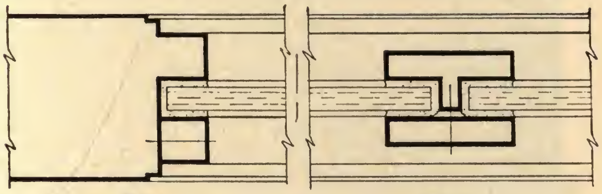
#53 #38



#40 #54

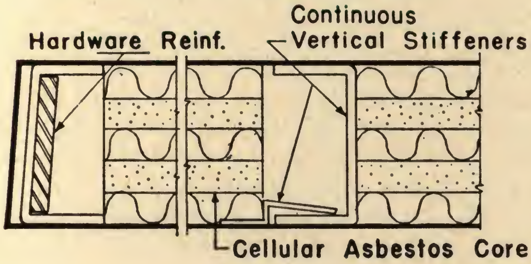


#57 #55

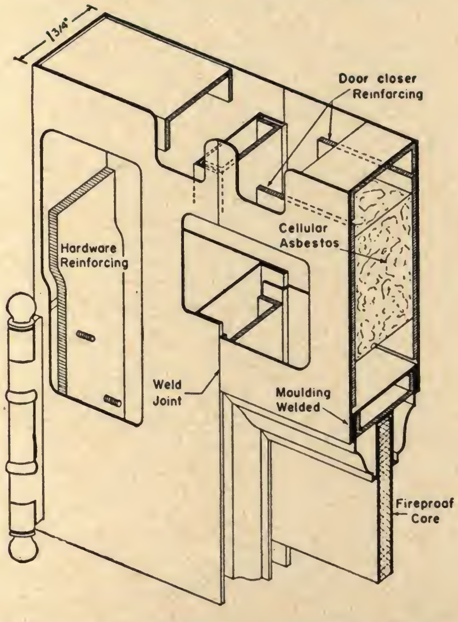


#84 #85

Part Section Thru Flush Door



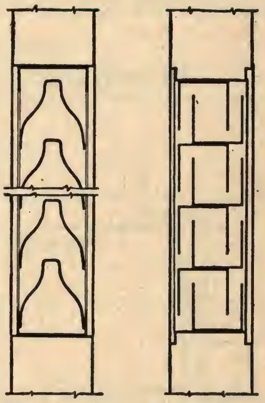
Corner Section of Paneled Door



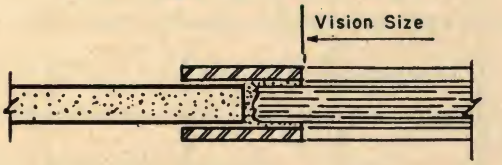
DOOR STANDARDS

Door Thickness 1¾"
Stiles, Top Rails 5"
Intermediate Rails 5"
Bottom Rails 10"

Louvre Details



Vision Light for Paneled Door



KALAMEIN DOORS, JAMBS AND TRIMS

SPECIFICATIONS—Doors manufactured of standard thicknesses and have cores of selected non-resinous white pine properly kiln-dried and covered with #24 or #26 gauge patent levelled furniture steel or galvanized iron. All seams are flushed with solder and scraped smooth.

The panels are of asbestos, fibre board or other fire-resisting materials and covered on both sides with metal the same as the doors, and are glued under hydraulic pressure. Jambs and trim are to be of the same material as the doors. All stiles, rails and mouldings are to be drawn through steel dies to assure sharp arises and smooth surfaces.

All kalamein material is to receive a coat of rust-resisting metal primer.

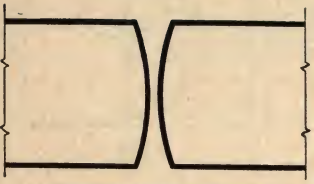
MORTISING AND REINFORCING FOR HARDWARE—Where desired, all kalamein material is to be mortised at the factory to receive hardware. In addition, kalamein material may be reinforced to receive mortised hardware, this reinforcing to consist of steel plates inserted under metal covering and securely fastened to the wood core. Kalamein material can also be furnished in copper and bronze.

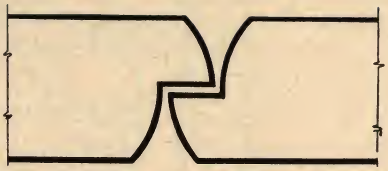
TIN-CLAD FIRE DOORS AND HARDWARE

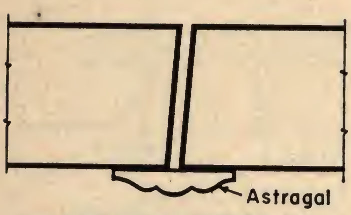
SPECIFICATIONS—Tin-clad doors shall be constructed of 2 or 3-ply white pine core covered with standard terne plate sheets and bearing Underwriters' Laboratory label. Suitable automatic fire door hardware furnished to complete the assembly. We recommend that the structural steel frames for tin-clad doors be purchased locally.

additional door data

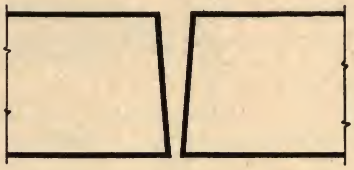
Meeting Stile Types


Double Acting Type

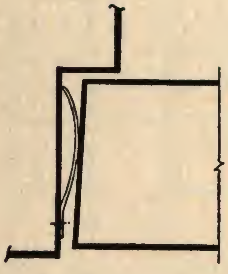

Rabbated Suitable for Center Hung Single Acting Floor Checks

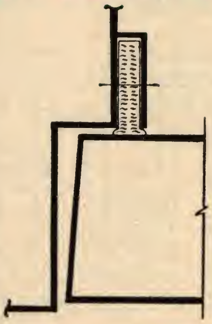


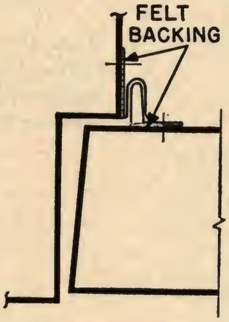
One Leaf Active–Suitable for use with Knob Lock Hardware


Both Leaves Active–Suitable for use with Push and Pull or Panic Hardware

Weatherstrip & Gaskets at Jambs

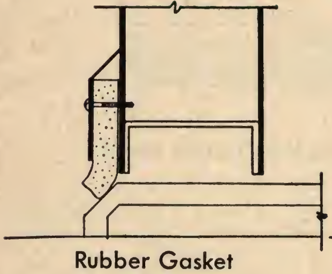

Spring Bronze
#20

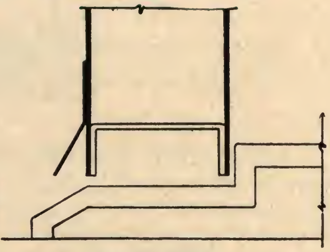

Rubber Gasket
#30

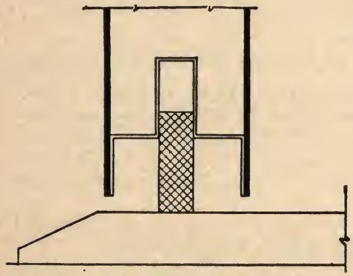


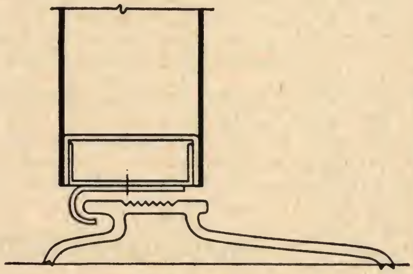
Interlocking
#40

Weatherproof & Dust-tight Sills


Rubber Gasket
#50


Metal Drip
#60


Automatic Door Bottom Gasket
#70


Hook Strip & Weatherproof Saddle
#80

installations

Hanes Park Elementary School
Wiley Junior High School
Winston-Salem, N.C.
Architect—Lashmit, James, Brown & Pollock
Contractor—George W. Kane Construction Company

Conemaugh Township High School, Davidsville, Penna.
Architect—Buchart Associates
Contractor—Constructors, Inc.

New Juvenile Detention Home & Alteration to Juvenile Court Building, Detroit, Michigan
Architect—H. E. Beyster & Associates, Inc.
Contractor—Darin & Armstrong, Inc.

U.S. Naval Hospital, Portsmouth, Virginia
Architect—Skidmore, Owings & Merrill
Contractor—Paul Tishman General Contractor, Inc.

Winter Park Junior High School, Wilmington, N.C.
Architect—Leslie N. Boney
Contractor—Anderson Construction Company

Cleveland Heights High School, Cleveland Heights, Ohio
Architect—Outcalt-Guenther & Assocs.
Contractor—William Passalacqua Builders, Inc.

Albert Einstein Medical Center, Philadelphia, Penna.
Architect—Abraham Levy
Contractor—James McGraw Company

Blossom Hill School for Girls, Brecksville, Ohio
Architect—The George S. Rider Company
Contractor—The Hoelzl Martini Construction Company

Prairie Shores Trust Apartments, Chicago, Illinois
Architect—Loebl, Schlossman & Bennett
Contractor—Sumner Sollitt Company

Men's Residence Halls, Pennsylvania State University, University Park, Penna.
Architect—Harbeson, Hough, Livingston and Larson
Contractor—John McShain, Inc.

Greece Senior High School, Greece, New York
Architect—Faragher & Macomber
Contractor—Robert F. Hyland & Sons, Inc.

The Chase Manhattan Building, Nassau-Liberty-William-Pine Streets, New York, New York
Architect—Skidmore, Owings & Merrill
Contractor—Turner Construction Company

Madison College Dormitories, Harrisonburg, Virginia
Architect—Walford & Wright
Contractor—Nielsen Construction Co., Inc.

General Science Building, Purdue University, West Lafayette, Indiana
Architect—Walter Scholer & Assoc.
Contractor—J. L. Simmons Company

Southeast Junior High School, Salt Lake City, Utah
Architect—Lowell E. Parrish
Contractor—Paulsen Construction Company

Fine Arts Building, Ohio State University, Columbus, Ohio
Architect—Crumley-Musson
Contractor—Robt. W. Setterlin & Sons Co.

St. Joseph's Hospital, Fort Worth, Texas
Architect—Joseph R. Pelich
Contractor—Thos. S. Byrne Inc.

Sumner County Hospital, Gallatin, Tennessee
Architect—Taylor & Crabtree
Contractor—Southern Builders, Inc. and South & Patton, Inc.

Nurses Training School & Internes Quarters, University of Tennessee, Knoxville, Tennessee
Architect—Baumann and Baumann, Inc.
Contractor—V. L. Nicholson Company

South Junior High School, Rapid City, South Dakota
Architect—Ewing & Forrette
Contractor—M. A. Garland Construction Company

Men's Dormitories, Vanderbilt University, Nashville, Tennessee
Architect—Edward D. Stone
Contractor—Foster & Creighton Company

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